



Workshop Schedule (Preliminary)

WS09 - Orogenic Gold: Metallogeny to Exploration

www.seg2019.org/workshops.html#9

Date: Friday, October 11, 2019

Time: 8:30am - TBD

Location: Solace Hotel

Presenter: Bob Foster
Consulting Geologist

Language: Spoken: English
Slides: English



This workshop will provide a concise review of the characteristics and genesis of orogenic gold systems and deposits. Topics covered will include tectonic and structural controls of fluid flow, mineral precipitation, importance of wall-rock alteration, geochemical and geophysical signatures, and exploration strategies. This workshop is aimed at geoscientists from industry and academia, together with students of economic geology, who wish to gain a detailed understanding of the latest concepts of orogenic gold metallogeny but based on the in-depth hands-on knowledge of an experienced explorationist.



WS09 - Schedule

Friday, October 11, 2019

- 8:00am - 8:30am: Registration and coffee
- 8:30am - 9:00am: Gold deposits, orogenic gold, and economics
- 9:00am - 10:00am: Brittle and ductile shearing, fluid flow, wall-rock alteration
- 10:00am - 11:00am: Break
- 11:00am - 12:00pm: Ore mineralogy and mineral precipitation
- 12:00pm - 1:00pm: Lunch and group photo
- 1:00pm - 2:00pm: Geochemical and geophysical signatures
- 2:00pm - 3:00pm: Cratons, orogens, and metallogeny
- 3:00pm - 3:20pm: Break
- 3:20pm - 4:15pm: Key exploration parameters
- 4:15pm - 5:00pm: South American perspectives
- 5:00pm - 5:15pm: Wrap-up and key takeaways
- 5:15pm - 6:00pm: Social event – beer!